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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/622,429	07/21/2003	Seog-Bae Heo	P-0565	4981

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KED & ASSOCIATES, LLP
P.O. Box 221200
Chantilly, VA 20153-1200

EXAMINER

BURROWES, LAWRENCE J

ART UNIT	PAPER NUMBER
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2616

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	04/12/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

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Office Action Summary	Application No. 10/622,429	Applicant(s) HEO, SEOG-BAE	
	Examiner LAWRENCE J. BURROWES	Art Unit 2616	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 21 July 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 21 July 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>7/21/2003</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Priority

1. Acknowledgment is made of applicant's claim for foreign priority under 35 U.S.C. 119(a)-(d). The certified copy has been filed in parent Application No. 42965/2002, filed on July 22, 2002.

Claim Objections

2. Claim 1 is objected to because of the following informalities:

In claim 1 line 3, the recitation of "a flexible IP" seems to refer to "a flexible IP in line 1, if this true, it is suggested applicant change to ---the flexible IP---.

Appropriate correction is required.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1-20 are rejected under 35 U.S.C. 102(b) as being anticipated by White et al (6,069,890) hereafter White.

NOTE: White discloses that the Local Exchange Carrier can be bypassed/disconnected from the IP telephone network when using common channel signaling.

For claims 1-12, 15 and 16, White discloses the method of registering an IP address allocated to a flexible IP Internet phone in an IP storing server (see

column 8 lines 36-44, the gateway obtains IP address from the internet address database); and extracting the IP address when a call with the flexible IP Internet phone is required (see column 8 lines 57-65, the IP address is extracted from the table when a call is made or received);

wherein registering the IP address comprises: receiving an IP address allocation from an Internet service provider by connecting the flexible IP Internet phone to the Internet (see column 9 lines 30-43, the ISP gateway assigns an IP address to the telephone through the DHCP); and storing the allocated IP address in the IP storing server along with an identification number of the flexible IP Internet phone (see column 6 lines 57-64 and column 8 lines 36-44, the assigned IP address and associated telephone number is stored in database);

wherein the allocated IP address is associated with a terminal number of the flexible IP Internet phone in a database of the IP storing server (see column 8 lines 57-65, the phone number is stored in the database along with associated IP address);

wherein the IP storing server updates and stores the IP address or new IP address whenever the IP address of the flexible IP Internet phone is changed or ended (see column 6 lines 57-64 and column 8 lines 36-65, IP addresses are assigned from the DHCP component which can have a short lease time or renewed when needed);

wherein the IP storing server is configured to store a terminal generic number and the IP address transmitted from the flexible IP Internet phone in a table form

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(see column 8 lines 57-65, the phone number is stored in the database along with associated IP address);

wherein extracting the IP address comprises: generating a call requirement in a calling IP Internet phone to the flexible IP Internet phone (see column 8 lines 36-44); and extracting the IP address of the flexible IP Internet phone from the IP storing server (see column 8 lines 57-65, IP address obtained from the database); and

wherein the calling IP Internet phone is one of a fixed IP Internet phone and another flexible IP Internet phone (see Figure 4 Box 100 and 119 and column 8 lines 35-44);

For claims 13 and 14, White discloses the method of performing IP Internet communication, comprising: receiving an allocation of an IP address from Internet service provider (ISP) (see Figure 4 Box 104) by a flexible IP Internet phone when the flexible IP Internet phone connects to the ISP; and storing the allocated IP address in a data table of a storing server along with a terminal number of the flexible IP Internet phone, wherein the data table is configured to receive a query including the terminal number of the flexible IP Internet phone and return the associated IP address in response to the query (see column 6 lines 57-64 and column 8 lines 36-65, the assigned IP address and associated telephone number is stored in database); and

further comprising receiving an incoming call to the flexible IP Internet phone by a calling party that has identified the IP address of the flexible IP phone from a query to the data table (see column 8 lines 36-65).

For claims 17-20, White discloses An Internet protocol (IP) communication system, comprising: at least one flexible IP Internet phone (see Figure 4 Box 100) having a terminal number (see column 8 lines 57-65); an Internet service provider (ISP) (see Figure 4 Box 104) configured to assign a current IP address to the at least one flexible IP Internet phone when the at least one flexible IP Internet phone connects to the ISP; and an IP storing server configured to store a table of data associating the terminal number of the at least one flexible IP Internet phone with the assigned IP address (see column 6 lines 57-64 and column 8 lines 36-65, the assigned IP address and associated telephone number is stored in database); at least one second IP Internet phone, configured to search the IP storing server to determine the current IP address of the at least one flexible IP Internet phone to establish communication with the at least one flexible IP Internet phone (see column 9 lines 11-42, the database is queried by the calling phone and used DNS to associate the calling stations to complete the call); wherein the at least one second IP Internet phone is one of a fixed IP Internet phone and a flexible IP Internet phone (see Figure 4 Box 100 and 118; and

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wherein the at least one flexible IP Internet phone is configured to provide the current IP address and the terminal number to the IP storing server when the ISP assigns the current IP address (see column 8 lines 35-44 and column 9 lines 11-42).

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure: Mattaway et al (6226678), Sistanizadeh (5790548), Yoshikawa (6222859), Thornton et al (6363065), Borella et al (6731642), La Porta et al (6434134), Rodwin et al (5812819), Iwami et al (5604737), Beser et al (6496867), Schneider (6570871) and Beser et al (6523068).

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to LAWRENCE J. BURROWES whose telephone number is (571) 270-1419. The examiner can normally be reached on Monday - Thursday 8am - 2pm EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wing F. Chan can be reached on (571) 272-7493. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

LJB



Seema S. Rao
SEEMA S. RAO 4/11/07
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2000